

Hydrogenation catalyst

Abstract

5 A material useful as catalyst for the hydrogenation of alpha,
omega-dinitriles comprises

(a) iron or a compound based on iron or mixtures
thereof,

10 (b) from 0.001 to 0.3% by weight based on (a) of a
promoter based on 2, 3, 4 or 5 elements selected from the
group consisting of aluminum, silicon, zirconium, titanium
and vanadium,

15 (c) from 0 to 0.3% by weight based on (a) of a
compound based on an alkali and/or alkaline earth metal,
and also

20 (d) from 0.001 to 1% by weight based on (a) of
manganese.

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